FIG. 1
BACKGROUND ART

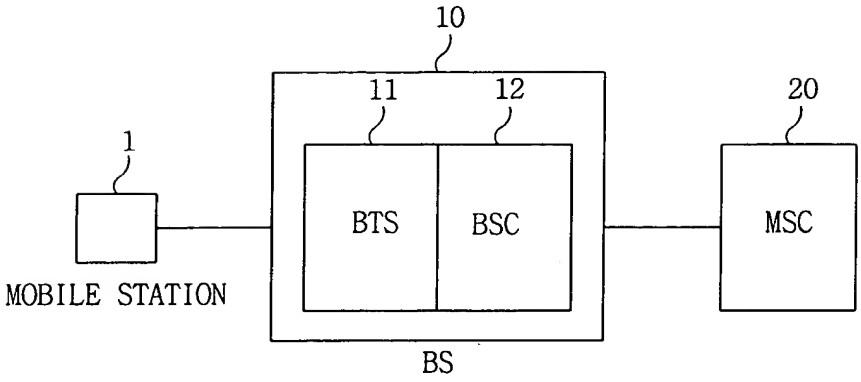


FIG. 2
BACKGROUND ART

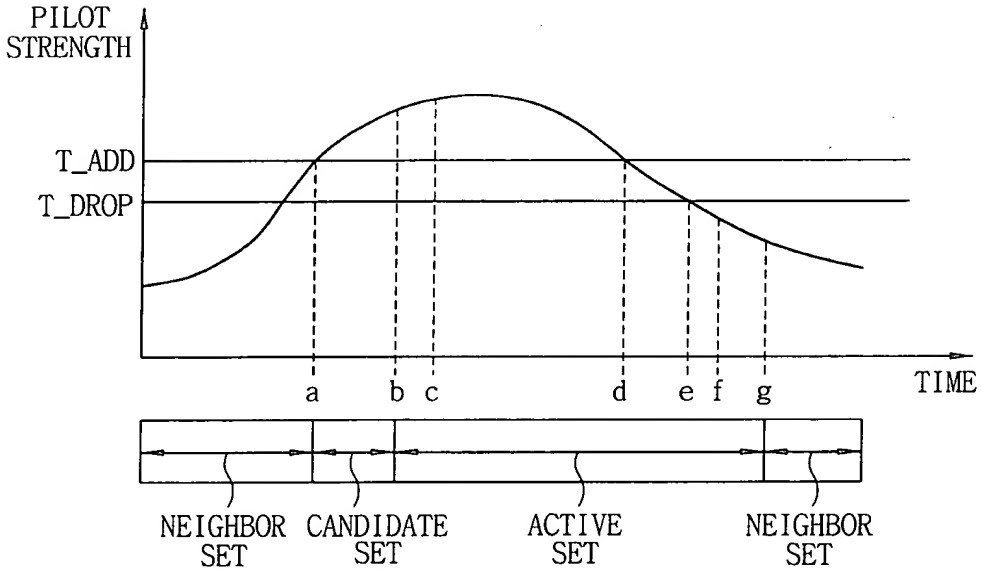


FIG.3

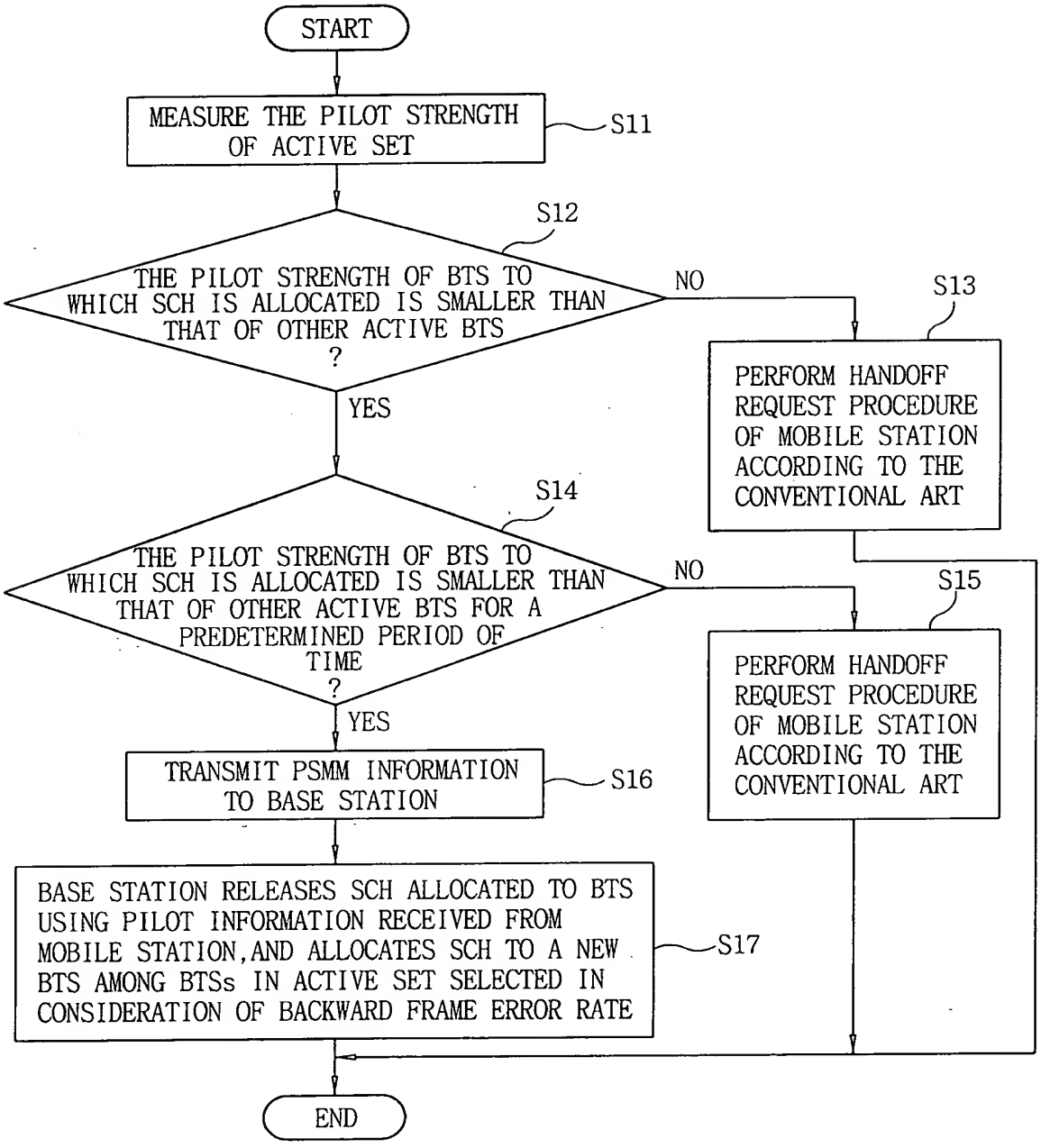
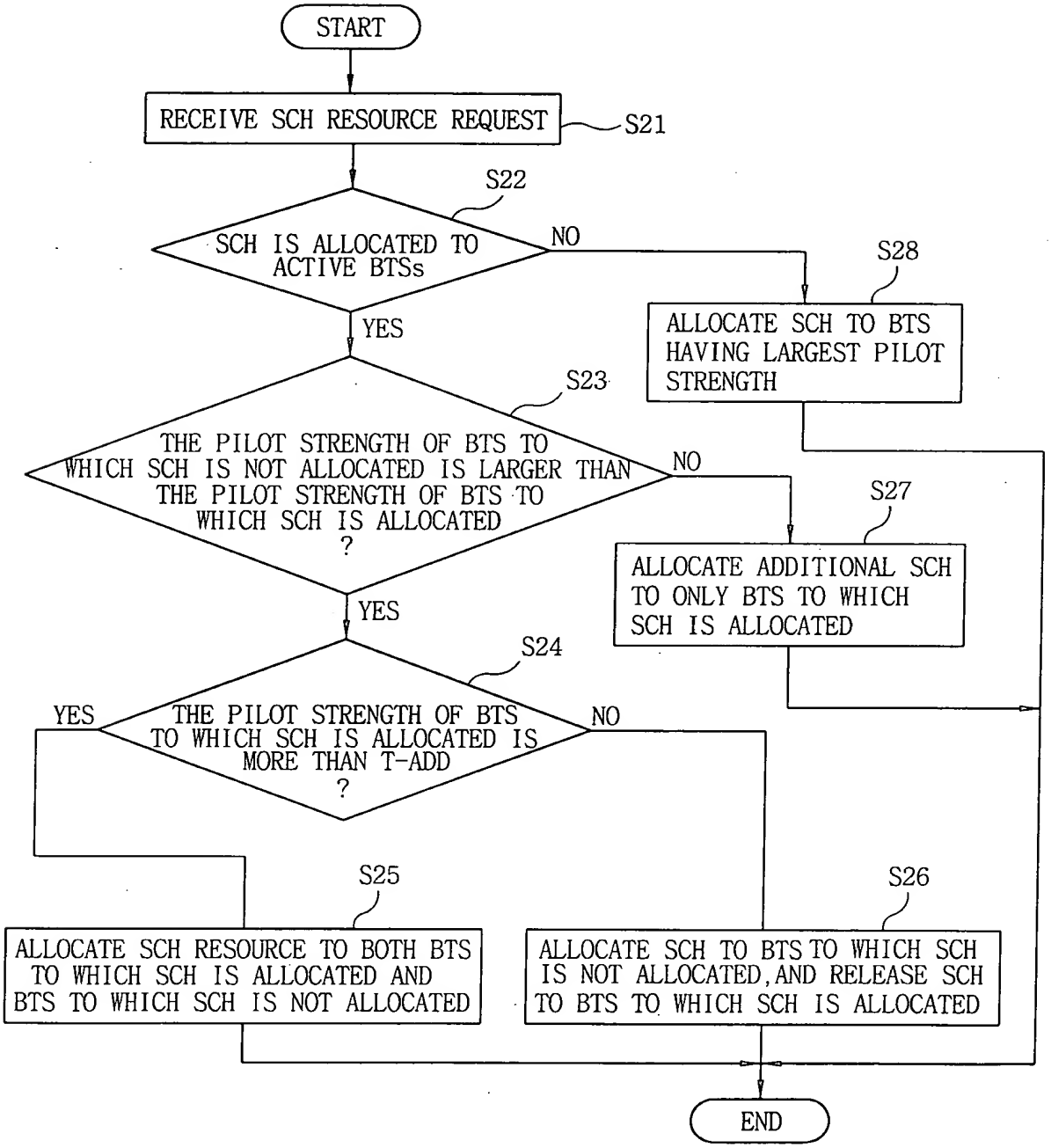

START
MEASURE THE PILOT STRENGTH OF ACTIVE SET
S11
S12
THE PILOT STRENGTH OF BTS TO WHICH SCH IS ALLOCATED IS SMALLER THAN THAT OF OTHER ACTIVE BTS ?
NO
S13
PERFORM HANDOFF REQUEST PROCEDURE OF MOBILE STATION ACCORDING TO THE CONVENTIONAL ART
YES
S14
THE PILOT STRENGTH OF BTS TO WHICH SCH IS ALLOCATED IS SMALLER THAN THAT OF OTHER ACTIVE BTS FOR A PREDETERMINED PERIOD OF TIME ?
NO
S15
PERFORM HANDOFF REQUEST PROCEDURE OF MOBILE STATION ACCORDING TO THE CONVENTIONAL ART
YES
TRANSMIT PSMM INFORMATION TO BASE STATION
S16
BASE STATION RELEASES SCH ALLOCATED TO BTS USING PILOT INFORMATION RECEIVED FROM MOBILE STATION, AND ALLOCATES SCH TO A NEW BTS AMONG BTSs IN ACTIVE SET SELECTED IN CONSIDERATION OF BACKWARD FRAME ERROR RATE
S17
END

FIG.4


START
RECEIVE SCH RESOURCE REQUEST
S21
S22
SCH IS ALLOCATED TO ACTIVE BTSs
NO
YES
S28
ALLOCATE SCH TO BTS HAVING LARGEST PILOT STRENGTH
S23
THE PILOT STRENGTH OF BTS TO WHICH SCH IS NOT ALLOCATED IS LARGER THAN THE PILOT STRENGTH OF BTS TO WHICH SCH IS ALLOCATED ?
NO
S27
ALLOCATE ADDITIONAL SCH TO ONLY BTS TO WHICH SCH IS ALLOCATED
YES
S24
YES
THE PILOT STRENGTH OF BTS TO WHICH SCH IS ALLOCATED IS MORE THAN T-ADD ?
NO
S25
S26
ALLOCATE SCH RESOURCE TO BOTH BTS TO WHICH SCH IS ALLOCATED AND BTS TO WHICH SCH IS NOT ALLOCATED
ALLOCATE SCH TO BTS TO WHICH SCH IS NOT ALLOCATED, AND RELEASE SCH TO BTS TO WHICH SCH IS ALLOCATED
END